PATENT

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ABSTRACT OF THE DISCLOSURE

The invention generally provides a method for preparing a surface for

electrochemical deposition comprising forming a high conductance barrier layer on

the surface and depositing a seed layer over the high conductance barrier layer.

Another aspect of the invention provides a method for filling a structure on a

substrate, comprising depositing a high conductance barrier layer on one or more

surfaces of the structure, depositing a seed layer over the barrier layer, and

electrochemically depositing a metal to fill the structure.

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